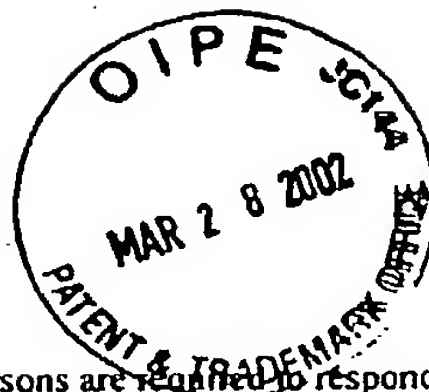


Please type a plus sign (+) inside this box → [+]



PTO/SB08A (08-00)

Approved for use through 10/31/2002 OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET

1 of 5

COMPLETE IF KNOWN

Application Number	10/043,451
Confirmation Number	7336
Filing Date	January 10, 2002
First Named Inventor	Kenneth S. McGuire, et al.
Group Art Unit	1732
Examiner Name	TENTONI
Attorney Docket Number	7494CC

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	U.S. PATENT DOCUMENT Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
LBT		D-331,665		Underhill	12/15/92	
		D-373,026		Delebreau et al.	8/27/96	
		D-381,810		Schultz et al.	8/5/97	
		680,533		Marinier et al.	8/13/1901	
		690,822		Avril	1/7/1902	
		1,358,891		Steedman	11/16/20	
		1,454,364		Winchenbaugh et al.	5/8/23	
		2,054,313		Bright	9/15/36	
		2,338,749		Wilbur	1/11/44	
		2,681,612		Reimann	6/22/54	
		2,838,416		Babiarz et al.	6/10/58	
		2,855,844		Stewart	10/14/58	
		2,861,006		Salditt	11/18/58	
		3,018,015		Agriss et al.	1/23/62	
		3,024,154		Singleton et al.	3/6/62	
		3,312,005		McElroy	4/4/67	
		3,386,846		Lones	6/4/68	
		3,484,835		Trounstone et al.	12/16/69	
		3,554,835		Morgan	1/12/71	
		3,573,136		Gardner	3/30/71	
		3,585,101		Stratton et al.	6/15/71	
		3,592,722		Morgan	7/13/71	
		3,708,366		Donnelly	1/2/73	
		3,850,095		Snyder	11/26/74	
		3,853,129		Kozak	12/10/74	
		3,867,225		Nystrand	2/18/75	
		3,879,330		Lustig	4/22/75	
		3,901,237		Cepuritis et al.	8/26/75	
		3,911,187		Raley	10/7/75	
		3,937,221		Tritsch	2/10/76	
		3,943,609		Egan, Jr.	3/16/76	
		3,950,480		Adams et al.	4/13/76	
		3,967,624		Milnamow	7/6/76	
		4,023,570		Chinai et al.	5/17/77	
		4,054,697		Reed et al.	10/18/77	
		4,061,820		Magid et al.	12/6/77	
		4,067,337		Ness	1/10/78	
		4,133,152		Penrose	1/9/79	
		4,181,752		Martens et al.	1/1/80	
		4,273,889		Yamazaki et al.	6/16/81	
		4,303,485		Levens	2/1/81	
		4,325,768		Schulz	4/20/82	
		4,336,804		Roeder	6/29/82	
		4,337,772		Roeder	7/6/82	
V		4,339,088		Niedermeyer	7/13/82	
LBT		4,342,314		Radel et al.	8/3/82	

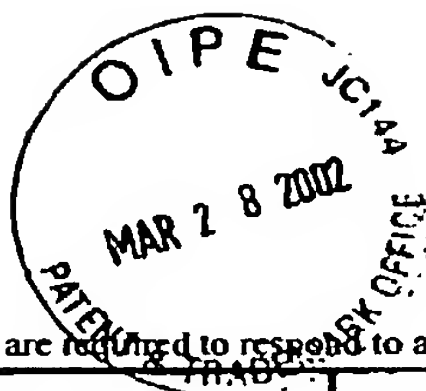
RECEIVED
APR 01 2002
TC 1700

RECEIVED
MAY 01 2002
TC 1700

LEO B. TENTONI

03/10/2004

Please type a plus sign (+) inside this box → [+]



PTO/SB08A (08-00)

Approved for use through 10/31/2002 OMB 0651-0031
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET

2 of 5

COMPLETE IF KNOWN

Application Number	10/043,451
Confirmation Number	7336
Filing Date	January 10, 2002
First Named Inventor	Kenneth S. McGuire, et al.
Group Art Unit	1732
Examiner Name	TENTON I
Attorney Docket Number	7494CC

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	U.S. PATENT DOCUMENT Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
LBT		4,376,147		Byrne et al.	3/8/83	
		4,376,440		Whitehead et al.	3/15/83	
		4,392,897		Herrington	7/12/83	
		4,397,905		Dettmer et al.	8/9/83	
		4,404,242		Squier	9/13/83	
		4,405,666		Squier	9/20/83	
		4,410,130		Herrington	10/18/83	
		4,413,109		Haas	11/1/83	
		4,460,634		Hasegawa	7/17/84	
		4,508,256		Radel et al.	4/2/85	
		4,509,908		Mullane, Jr.	4/9/85	
		4,514,345		Johnson et al.	4/30/85	
		4,519,095		Clayton	5/21/85	
		4,546,029		Cancio et al.	10/8/85	
		4,528,239		Trokhan	7/9/85	
		4,543,142		Kuepper et al.	9/24/85	
		4,556,595		Ochi	12/3/85	
		4,576,850		Martens	3/18/86	
		4,578,069		Whitehead et al.	3/25/86	
		4,587,152		Gleichenhagen et al.	5/6/86	
		4,612,221		Biel et al.	9/16/86	
		4,655,761		Grube et al.	4/7/87	
		4,659,608		Schulz	4/21/87	
		4,695,422		Curro et al.	9/22/87	
		4,699,622		Toussant et al.	10/13/87	
		4,743,242		Grube et al.	5/10/88	
		4,778,644		Curro et al.	10/18/88	
		4,803,032		Schulz	2/7/89	
		4,820,589		Dobreski et al.	4/11/89	
		4,839,216		Curro et al.	6/13/89	
		4,894,275		Pelzer	1/16/90	
		4,946,527		Battrell	8/7/90	
		4,959,265		Wood et al.	9/25/90	
		5,008,139		Ochi et al.	4/16/91	
		5,080,957		Leseman et al.	1/14/92	
		5,098,522		Smurkoski et al.	3/24/92	
		5,112,674		German et al.	5/12/92	
		5,116,677		Jones	5/26/92	
		5,141,790		Calhoun et al.	8/25/92	
		5,165,982		Gubitz et al.	11/24/92	
		5,175,049		Huff et al.	12/29/92	
		5,176,939		Shepherd	1/5/93	
		5,208,096		Dohrer	5/4/93	
		5,215,617		Grupe	6/1/93	
		5,215,804		Hagens et al.	6/1/93	
V		5,221,276		Battrell	6/22/93	
LBT		5,245,025		Trokhan et al.	9/14/93	

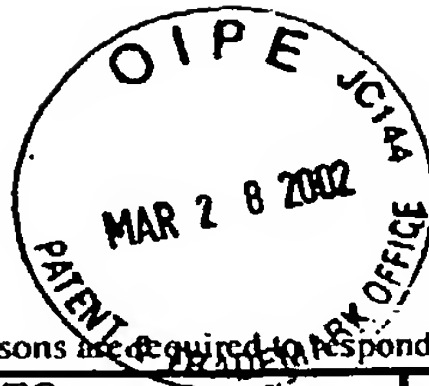
RECEIVED
APR 01 2002
TC 1700

RECEIVED
MAY 01 2002
TC 1700

LEO B. TENTON I

03/10/2004

Please type a plus sign (+) inside this box → [+]



PTO/SB08A (08-00)

Approved for use through 10/31/2002 OMB 0651-0031
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		COMPLETE IF KNOWN	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	10/043,451	
	Confirmation Number	7336	
	Filing Date	January 10, 2002	
	First Named Inventor	Kenneth S. McGuire, et al.	
	Group Art Unit	1732	
	Examiner Name	TENTONI	
	Attorney Docket Number	7494CC	

SHEET 3 of 5

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	U.S. PATENT DOCUMENT Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
LBT		5,246,762		Nakamura	9/21/93	
		5,269,776		Lancaster et al.	12/14/93	
		5,273,805		Calhoun et al.	12/28/93	
		5,273,809		Simmons	12/28/93	
		5,275,588		Matsumoto et al.	1/4/94	
		5,296,277		Wilson et al.	3/22/94	
		5,300,347		Underhill et al.	4/5/94	
		5,310,587		Akahori et al.	5/10/94	
		5,324,279		Lancaster et al.	6/28/94	
		5,334,428		Dobreski et al.	8/2/94	
		5,339,730		Ruppel et al.	8/23/94	
		5,342,344		Lancaster et al.	8/30/94	
		5,344,693		Sanders	9/6/94	
		5,382,464		Ruppel et al.	1/17/95	
		5,436,057		Schulz	7/25/95	
		5,453,296		Lauritzen et al.	9/26/95	
		5,458,938		Nygard et al.	10/17/95	
		5,487,929		Rusincovitch, Jr. et al.	1/30/96	
		5,514,122		Morris et al.	5/7/96	
		5,518,801		Chappell et al.	5/21/96	
		5,527,112		Dais et al.	6/18/96	
		5,575,747		Dais et al.	11/19/96	
		5,585,178		Calhoun et al.	12/17/96	
		5,589,246		Calhoun et al.	12/31/96	
		5,597,639		Schulz	1/28/97	
		5,622,106		Rayner	4/22/97	
		5,662,758		Hamilton et al.	9/2/97	
		5,686,168		Laurent et al.	11/11/97	
V		5,736,223		Laurent	4/7/98	
LBT		5,871,607		Hamilton et al.	2/16/99	

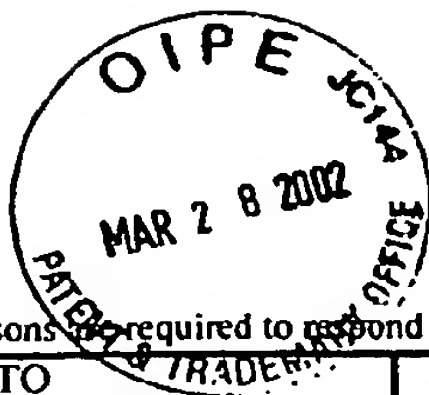
LEO B. TENTONI

03/10/2004

RECEIVED
APR 01 2002
TC 1700

RECEIVED
MAY 01 2002
TC 1700

Please type a plus sign (+) inside this box → [+]



PTO/SB08A (08-00)

Approved for use through 10/31/2002 OMB 0651-0031
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 4 of 5

COMPLETE IF KNOWN

Application Number	10/043,451
Confirmation Number	7336
Filing Date	January 10, 2002
First Named Inventor	Kenneth S. McGuire, et al.
Group Art Unit	1732
Examiner Name	TENTONI
Attorney Docket Number	7494CC

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Office ³ Number ⁴ Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
LBT		BE 570,960	C. K. Billed	9/30/58		
		GB 975,783	T. A. Clayton	11/18/64		
		GB 1,069,445	Marks & Clerk	5/17/67		
		EPO 0,037,101 A1	George Schwinn	10/7/81		
		EPO 0,621,082 A1	McNeil PPC Inc.	10/26/94		
		EPO 0,623,332 A1	McNeil PPC Inc.	11/9/94		
		FR 1,315,903	Rene Orsini	12/17/62		
		FR 1,429,312	Societe Poval	1/17/66		
		WO 92/00187	Robert L. Harder	1/9/92		
		WO 95/11945	Minnesota Mining & Manufacturing Co.	5/4/95		
		WO 95/31225	Minnesota Mining & Manufacturing Co.	11/23/95		
V		WO 96/31652	James River Corp. of Virginia	10/10/96		
LBT		WO 97/18276	Minnesota Mining & Manufacturing Co.	5/22/97		

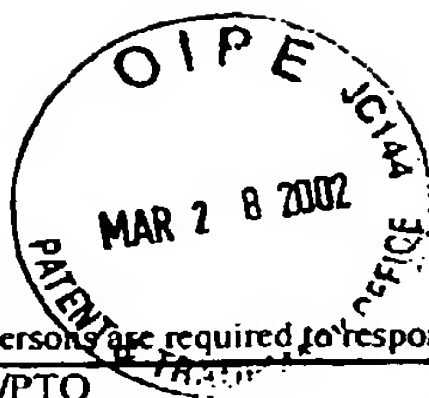
LEO B. TENTONI

03/10/2004

RECEIVED
APR 01 2002
TC 1700

RECEIVED
MAY 01 2002
TC 1700

Please type a plus sign (+) inside this box → [+]



PTO/SB08A (08-00)

Approved for use through 10/31/2002 OMB 0651-0031
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET

5 of 5

COMPLETE IF KNOWN

Application Number	10/043,451
Confirmation Number	7336
Filing Date	January 10, 2002
First Named Inventor	Kenneth S. McGuire, et al.
Group Art Unit	1732
Examiner Name	TENTONI
Attorney Docket Number	7494CC

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
LBT		Translation of Japan 3-002,292 (January 8, 1991).	
		Abstract of Japan 7-246,216 (September 26, 1995).	
		Abstract of Japan 2-303822 (December 17, 1990).	
		Abstract of Japan 7-266526 (October 17, 1995).	
		Martin Gardner- "Penrose Tiles to Trapdoor Ciphers", Chapter 1 Penrose Tiling, pgs. 1-18; (Pub. Mathematical Assn. Of America - (1997).	
		Broughton, J., et al., "Porous Cellular Ceramic Membranes: A Stochastic Model To Describe the Structure of an Anodic Oxide Membrane", Journal of Membrane Science 106, pp. 89-101 (1995)	
		Lim, J.H.F., et al., "Statistical Models to Describe the Structure of Porous Ceramic Membranes", Separation Science and Technology, 28 (1-3), pp. 821-854 (1993).	
LBT		Watson, D.F., "Computing the n-dimensional Delaunay Tessellation with Application to Voronoi Polytopes", The Computer Journal, Vol 24, No 2, pp. 167-172 (1981)	

EXAMINER

LEO B. TENTONI

DATE CONSIDERED

03/10/2004

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

RECEIVED
MAY 01 2002
TC 1700

RECEIVED
APR 01 2002
TC 1700